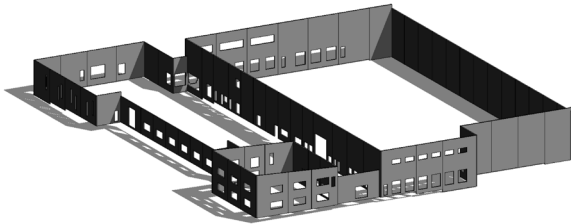


From design details...



To a true view of the design with Bill of Materials...



Take your tilt-up projects to a new level!



1125 Byers Road
Miamisburg, OH 45342
937-866-0711
888-977-9600



**PERFORM
WITH
PRECISION™**

TILT-WERKS®

TILT-UP
TECHNOLOGY
SOLUTION

DESIGN,
GENERATE,
COLLABORATE
ONLINE

Tilt-Werks®
By Dayton Superior



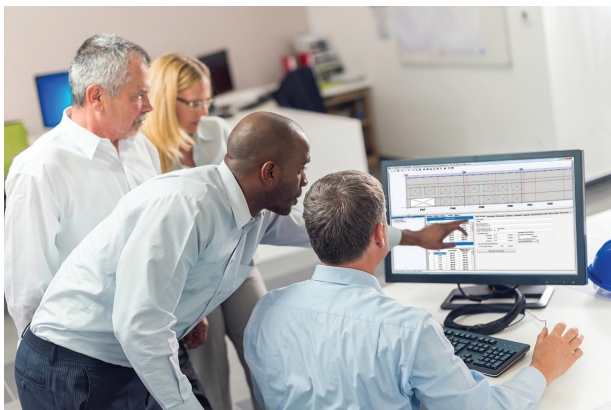
**DAYTON
SUPERIOR®**



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DESCRIPTION

An outstanding tool for enhancing productivity and efficiency, Tilt-Werks features a user-friendly interface that allows architects, engineers, designers, contractors and material providers to collaborate quickly and easily, online.



FEATURES & BENEFITS

- Leverage the expertise of your current engineering/technical staff
- Concurrently design all panels for projects to design a building in hours rather than days
- Automatically generate BIM data
- Instant, accurate tilt-up panel quantities and costs

PRODUCT DATA

- 24/7 online access to the subscriber site, Tilt-Werks application and project information.
- Support for ACI 318-08/11 concrete design codes.
- Dynamic graphic interface provides a true view of the tilt-up wall as wall data is entered.
- Panel design criteria can be customized for the entire wall, right down to individual panel strips
- Quickly optimize wall designs based on material costs input
- Detailed panel design reports
- Tilt-Up panel design/detail drawings that can be exported by wall or individual panel
- Tilt-Up reinforcing design and shop drawings that are exported with automatic panel grouping for duplicate panels
- A full material quantity summary and project estimate, using user defined costs, for the entire project or panels
- Tilt-Up reinforcing bar cut list creation per CRSI standard
- Files for import into rebar fabrication software.
- IFC files of the entire tilt-up project which can be imported into compatible BIM software or viewer.



By utilizing Tilt-Werks technology, Construction Materials, a premier wholesale distributor, creates effective BIM models for sales presentations as well as accurate last minute design adjustments. One such project, Sierra Pines II, benefited from Construction Materials ability to employ Dayton Superior's Tilt-Werks software to provide the architect, structural engineer and the contractor project drawings in just days, as compared to the taking weeks.

Included in the support documentation were 3D drawings, heralded by the tilt-up contractor as invaluable additions to the standard panel book. From start to finish, Tilt-Werks provided a portfolio of solutions and a BIM model which anticipated needs or obstacles and adjusted the design in real time.

"We consider Tilt-Werks a valuable asset and design tool. Rest assured, we will be using the Tilt-Werks system as a standard part of our services moving forward."

Tom Harrison
Corporate Operations
Manager
Construction Materials, Inc.

